

The following claims are presented for examination:

1. (currently amended) A modular electrical jack connector system comprising:  
**at least one i) a first inside jack connector housing (100) having a first side and a second side that face opposite to each other, ii) a first outside jack connector housing (101) interconnected with the first inside jack connector housing (100) at the first side, and iii) a second outside jack connector housing (102) interconnected with the first inside jack connector housing (100) at the second side {100, 101, 102}; and**  
**at least one therein inserted a jack connector-subassembly (200) inserted into each of the jack connector housings (100, 101, 102);**  
wherein the jack connector ~~housing housings~~ (100, 101, 102) ~~is formed for the purpose of~~ **are configured as an assembly of** modular adjacent **connector housings that are arranged in a row; and stringing to at least one further jack connector housing;**  
wherein each ~~of the~~ jack connector ~~housing housings~~ (100, 101, 102) comprises **i) a front coupling side having at least two openings (110, 111) which openings (110, 111) are disposed one above the other for the purpose of receiving a variety plurality of electrical plug connectors through the front coupling side and an oppositely disposed with respect to the front coupling side ii) a rear side (112) for the purpose of inserting at least one the jack connector subassembly (200), the rear side being oppositely disposed with respect to the front coupling side;** and  
wherein each jack connector subassembly (200) comprises a longitudinal strip-like carrier (250) having a substantially right-angled profile and having on the top and on the bottom respectively a series of extrusion-coated or injection-molded jack terminals ~~(260) which (260), wherein the~~ extrusion-coated or injection-molded jack terminals (260) embody at a front end of the strip-like carrier uncoated and bent-back cantilevered contact portions ~~(265, 266) which (265, 266), and wherein the~~ uncoated and bent-back cantilevered contact portions (265, 266) are disposed aligned in an upper opening (110) and/or into a lower opening (111) of the jack connector housing (100, 101, 102).

**2.** (currently amended) The modular electrical jack connector system of claim 1 ~~further comprising a variety of modularly adjacently strung jack connector housings (100, 101, 102);~~ wherein each jack connector housing is formed out of a plastic material and is adapted for the purpose of receiving ~~respectively~~ one jack connector subassembly (200).

**3.** (previously presented) The modular electrical jack connector system of claim 1 wherein respectively one metallic shield (500) is inserted between individual adjacently strung jack connector housings (100, 101, 102).

**4.** (previously presented) The modular electrical jack connector system of claim 1 wherein the strip-like carrier (250) is modularly constructed out of two stackable carrier halves wherein each half comprises an extrusion-coated or injection-molded arrangement of jack terminals.

**5.** (previously presented) The modular electrical jack connector system of claim 4 wherein a metallic shield plate (270) is disposed sandwich-like between two carrier halves.

**6.** (previously presented) The modular electrical jack connector system of claim 1 wherein the extrusion-coating of the jack connectors up to the uncoated area of the contact portions (265, 256) forms a bump or knuckle-like thickening (269).

**7.** (previously presented) The modular electrical jack connector system of claim 1 wherein the strip-like carrier is modularly constructed out of two stackable identical carrier halves (251, 252) and wherein each carrier half respectively comprises a complementarily formed engaging device (253a, 253b, 254a, 254b).

**8.** (previously presented) The modular electrical jack connector system of claim 1 wherein for the purpose of signal conditioning the jack connector subassembly comprises correspondingly adapted component modules (280, 261) which correspondingly adapted component modules (280, 281) are disposed at least adjacently with respect to a top surface of the strip-like carrier.

**9.** (currently amended) The modular electrical jack connector system of claim 1 wherein a ~~variety~~ plurality of different conditioning component modules is connectable with the jack connector subassembly.

**10.** (currently amended) The modular electrical jack connector system of claim 1 wherein the jack connector subassembly comprises a ~~variety~~ plurality of signal pins (220) which signal pins (220) extend outwards on one side.

**11.** (previously presented) The modular electrical jack connector system of claim 1 wherein the jack connector subassembly comprises pins for an inline power supply.

**12.** (previously presented) The modular electrical jack connector system of claim 1 wherein the jack connector subassembly comprises two separated carrier plates (210) and particularly printed circuit boards for the purpose of mechanically holding together the components and their electrical circuitry encompassed by the jack connector subassembly.

**13.** (previously presented) The modular electrical jack connector system of claim 12, wherein between the carrier plates (210) is disposed the strip-like carrier (250).

**14.** (currently amended) The modular electrical jack connector system of ~~claim 1~~ claim 12 wherein is disposed between the carrier plates (210) at least one electrical/electronic components encompassing box-type module (280, 281).

**15.** (currently amended) The modular electrical jack connector system of ~~claim 1~~ claim 12 wherein on the outside of the carrier plates are disposed electrical/electronic components (255).

**16.** (previously presented) The modular electrical jack connector system of claim 1 wherein the jack connector subassembly is equipped with LED pins.

**17.** (previously presented) The modular electrical jack connector system of claim 16 wherein the jack connector subassembly comprises at least one right-angularly radiating LED (290) whose light is forwardly and outwardly guidable via a wave-guide (291) to the front coupling side.

**18.** (currently amended) The modular electrical jack connector system of claim 17 wherein ~~the jack connector housing~~ each of the jack connector housings (100, 101, 102) is formed with guiding channels (180) for the purpose of receiving the wave-guide.

**19.** (currently amended) The modular electrical jack connector system of claim 1 wherein the jack connector ~~housing-or~~ housings ~~is/are~~ are disposed on at least one earth plate (400) and particularly a printed circuit board which printed circuit board comprises openings (410) for the purpose of receiving ~~the out-of-each-jack-connector subassembly~~ guided signal pins (220) of the jack connector subassembly.

**20.** (previously presented) The modular electrical jack connector system of claim 19 wherein the earth plate (400) simultaneously carries further electrical/electronic components.

**21.** (previously presented) The modular electrical jack connector system of claim 19 wherein the earth plate (400) comprises a sandwich-like multi-layered composite structure.

**22.** (currently amended) The modular electrical jack connector system of claim 1 wherein the jack connector ~~housing-or~~ housings ~~[[is or]]~~ are encompassed by an external shield housing (300).

**23.** (currently amended) The modular electrical jack connector system of claim 22 wherein each inserted jack connector-subassembly (200) is directly soldered to the external shield housing (300).

**24.** (currently amended) The modular electrical jack connector system of ~~claim 1~~ claim 22 wherein the external shield housing is constructed in two portions wherein the first portion (315) is attachable to ~~[[said]] the~~ jack connector ~~housing~~ housing from the front coupling side of the jack connector ~~housing~~ housing and wherein the second shield portion (320) is solderable to the first portion (315) and is attachable to the jack connector ~~housing~~ housing from the rear side of ~~[[said]] the~~ jack connector ~~housing~~ housing.

**25.** (currently amended) The modular electrical jack connector system of claim 1 wherein for the purpose of ~~stringing together the jack connector housings said~~ arranging the jack connector housings adjacently, the jack connector housings comprise respectively complementarily developed fastening devices (115, 116).

**26.** (previously presented) The modular electrical jack connector system of claim 1 wherein at least intermediately strung and/or stringable jack connector housings (100) are identically constructed.

**27.** (currently amended) A jack connector housing (100, ~~101, 102~~) for a modular electrical jack connector ~~system, wherein the jack connector housing (100, 101, 102) is formed for the purpose of modular adjacent stringing to at least one further jack connector housing, wherein each jack connector housing (100, 101, 102) comprises~~ system, the jack connector housing (100) comprising:

a first side and a second side that face opposite to each other, wherein the first side and the second side are adapted to interconnect with a first additional jack connector housing (101) and a second additional jack connector housing (102), respectively;

a front coupling side having at least two openings (110, 111) which openings (110, 111) are disposed one above the other for the purpose of receiving a ~~variety~~ plurality of electrical plug connectors through ~~the front coupling side and an oppositely disposed with respect to~~ the front coupling side; and

a rear side (112) for the purpose of inserting at least one a jack connector subassembly (200), the rear side being oppositely disposed with respect to the front coupling side; [[and]]

wherein the jack connector housing is modularly ~~stringable and connectable to at least one further such jack connector housing~~ arrangeable in a row with and adjacent to at least the first additional jack connector housing.

**28.** (currently amended) A jack connector subassembly (200) for a modular electrical jack connector system, **[[said]] the** jack connector subassembly (200) comprising a longitudinal strip-like carrier (250) comprising a substantially right-angled profile and having on the top and on the bottom respectively a series of extrusion-coated or injection-molded jack terminals (260) which extrusion-coated or injection-molded jack terminals (260) embody at a front end of the strip-like carrier uncoated and bent back cantilevered contact portions (265, 256) which uncoated and bent back cantilevered contact portions (265, 256) are alignable in an upper opening (110) and/or in a lower opening (111) of a jack connector housing.

**29.** (previously presented) A longitudinal strip-like carrier (250) comprising a substantially right-angled profile and having on the top and on the bottom respectively a series of extrusion-coated or injection-molded jack terminals which extrusion-coated or injection-molded jack terminals embody at a front end of the strip-like carrier uncoated and bent back cantilevered contact portions particularly for a modular electrical jack connector system.

**30.** (previously presented) The longitudinal strip-like carrier (250) according to claim 29 wherein the strip-like carrier (250) is modularly constructed out of two stackable identical carrier halves (251, 252) and wherein each carrier half respectively comprises complementary engaging means (253a, 253b, 254a, 254b).